We claim:

1. An agricultural implement for being pulled by a powered vehicle, comprising:

a tow bar assembly connected to said powered vehicle;

a working assembly having a front gang of coulters and a rear gang of coulters; and

a pivoting assembly connecting said tow bar assembly and said working assembly, said pivoting assembly being operable to transfer weight of said working assembly between said front gang of coulters and said rear gang of coulters.

2. An agricultural implement for being pulled by a powered vehicle according to claim 1, wherein the pivoting assembly comprises a hydraulic cylinder.

3. An agricultural implement for being pulled by a powered vehicle according to claim 2, wherein the pivoting assembly further comprises a pivoting piston brace, a pivoting cylinder brace, and a pivoting portion connecting the pivoting piston brace and the pivoting cylinder brace, the pivoting portion being operable to pivot about a horizontal axis.

4. An agricultural implement for being pulled by a powered vehicle according to Claim 1, wherein the front gang of coulters and rear gang of coulters comprise blades.

5. An agricultural implement for being pulled by a powered vehicle according to Claim 1, wherein the front gang of coulters and the rear gang of coulters are substantially parallel to each other.

6. An agricultural implement for being pulled by a powered vehicle according to Claim 4, wherein the rear gang blades are positioned midway between the front gang blades.

7. An agricultural implement for being pulled by a powered vehicle, comprising:

a tow bar assembly connected to said powered vehicle;

a working assembly having a front gang of coulters and a rear gang of coulters and a frame connecting said front gang of coulters and said rear gang of coulters, said working assembly having weight;

a pivoting assembly connecting said tow bar assembly and said working assembly; and

a hydraulic cylinder connected between said tow bar assembly and said working assembly to pivot said frame with respect to said tow bar assembly, wherein when said hydraulic cylinder is extended, more of the weight of said working assembly is supported by said rear gang of coulters, and when said hydraulic cylinder is retracted, more of the weight of said working assembly is supported by said front gang of coulters.

8. An agricultural implement for being pulled by a powered vehicle according to claim 7, wherein the pivoting assembly further comprises a pivoting piston brace, a pivoting cylinder brace, and a pivoting portion connecting the pivoting piston brace and the pivoting cylinder brace, the pivoting portion being operable to pivot about a horizontal axis.

9. An agricultural implement for being pulled by a powered vehicle, comprising:

a tow bar assembly connected to said powered vehicle;

a working assembly having a front gang of coulters and a rear gang of coulters and a frame connecting said front gang of coulters and said rear gang of coulters, said working assembly having weight, said frame having a level orientation when said frame is level relative to said tow bar assembly;

means for inclining said frame with respect to said tow bar assembly wherein when said frame is inclined upward in front relative to said level orientation, more of the weight of said working assembly is supported by said rear gang of coulters, and when said frame is inclined downward in front relative to said level orientation, more of the weight of said working assembly is supported by said front gang of coulters.

10. An agricultural implement for being pulled by a power vehicle according to claim 9, wherein the front gang of coulters and the rear gang of coulters are substantially parallel to each other.